



This curve indicates a 700 Ohm resistance in series with a diode with a forward voltage drop of 2.3 Volts.

The current measured at 14 volts was gradually increasing the longer the diode was powered. This indicates that 30 mA is too high for long term operation.

This is in contradiction to the manufacturer's data sheet that the nominal operating current is 35 mA.

Based on this test the safe operating current would seem to be from 15 to 20 mA.

The test was conducted at 20 deg C.